



Model FS Doors — Jamison stainless steel clad doors



Jamolite lightweight plastic doors

JAMISON
cooler and freezer doors
for FOOD SERVICE

JAMISON COLD STORAGE DOOR COMPANY
HAGERSTOWN, MARYLAND

index

page

Jamolite Doors	4 & 5
Series 50 FS Doors	6 & 7
LoTemp FS Doors	8 & 9
Vestibule and Track Doors	10
Frostop	11
Doors to Meet Special Conditions	12
Electroglide and Flexidor	13
Other Jamison Doors	14
Jamolite Doors—Special Purpose Doors	15

The Jamison Cold Storage Door Company reserves the right to change materials and construction without notice.

In this bulletin . . .

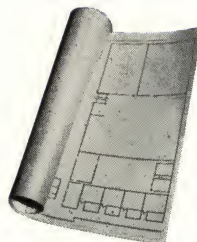
The doors shown in this catalog have been designed and built by Jamison to meet the specific conditions of use in Food Service installations. On the basis of many years of experience in this particular field, Jamison recommends these doors — plastic or stainless steel clad for cooler or freezer service — to solve most common problems in storage for food service in institutions, schools, hotels, hospitals, industrial cafeterias and similar establishments.

The purpose of this bulletin is to eliminate the necessity of designing special doors for Food Service installations and to save valuable time by facilitating specifying. Selection, therefore, becomes a matter of choosing between the new lighter weight Jamolite Plastic Doors or the FS metal clad doors, specifying cooler or freezer door depending on the temperature to be maintained in the storage area. Features and advantages of both types of doors are clearly detailed on following pages.

For applications beyond the scope of this bulletin, the services of Jamison representatives and Jamison's engineering department are available to help you solve your problem. Jamison manufactures a complete line of cold storage and engineered doors, some of which are shown on page 14.

JAMISON GIVES EXTRA SERVICE

Jamison assists architects in door selection and installation details



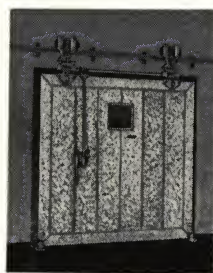
Jamison field representatives throughout the country are always available to work with architects in preparing layouts. They will help with the specifications to insure that the right door is used as well as the one most economical for the job.

Jamison helps contractors to quote on door specifications



Upon request, a Jamison representative will call upon the architect, and take off the door specifications the insulation contractor needs to quote on a job. He'll then help to interpret specifications and supply the contractor with quotations on the specified doors and any alternates that can be offered.

Jamison designs and builds all kinds of special doors



A full-time research and engineering staff enables Jamison to design and build doors for practically any special requirement. Many times, all that's needed is to modify a standard door. Whatever the need, Jamison is equipped and prepared to build any door to your order.

Jamison helps contractors on unusual service problems



Jamison representatives work with contractors to provide the user the best possible service. Advice and suggestions on installing doors can frequently save service cost and trouble. Help is also available on unusual service problems.

you can specify Jamison doors with confidence

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In more than half a century of producing cold storage doors of all types, Jamison engineering has kept pace with the expanding use of refrigerated storage. New materials — stronger and lighter — combine with efficient design to provide dependable performance in cold storage doors with all the following qualities:

Maximum rigidity and strength with internal structural members held to a minimum in size and number to permit greatest possible insulation.

Highest quality lumber correctly seasoned for strength and stability.

Efficiency of insulating material to be equal to that installed in walls.

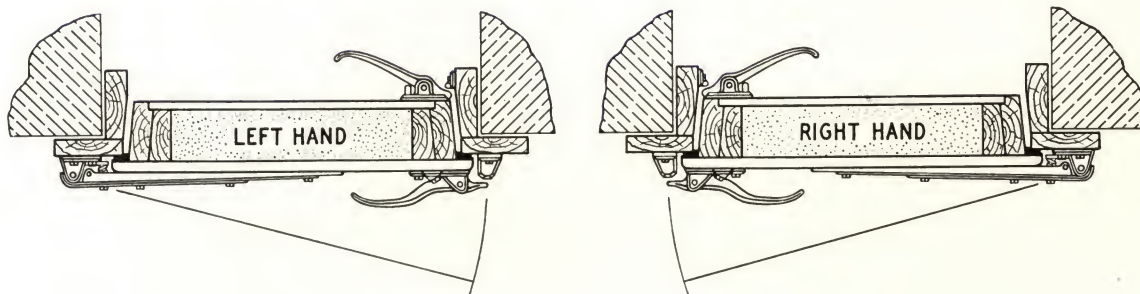
Protection of insulation by efficient vapor barrier on warm side.

Gaskets to be soft and resilient to maintain adequate seal of door against casing.

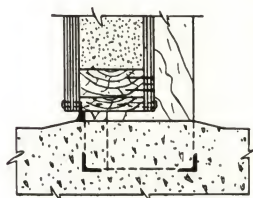
Uniform compression of gasket. Hardware must be capable of compressing gasket uniformly around entire periphery of door.

decide first on swing and type of sill

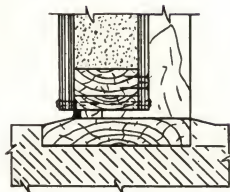
location of door—*right or left hand swing*



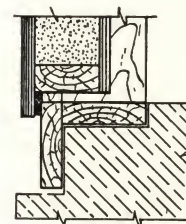
floor construction—*type of sill*



concrete sill



beveled wood sill



high sill

Concrete sills are most commonly used. The two sides of the frame are connected at the base with an angle iron spreader.

Beveled wood sills are supplied when specified at no

additional charge. We recommend their use only when installed in wood floors.

High sills are supplied for step-up entrances and package passing doors.

NEW LIGHTNESS AND COLOR

JAMOLITE* PLASTIC DOOR

FOR COOLER AND FREEZER ROOMS

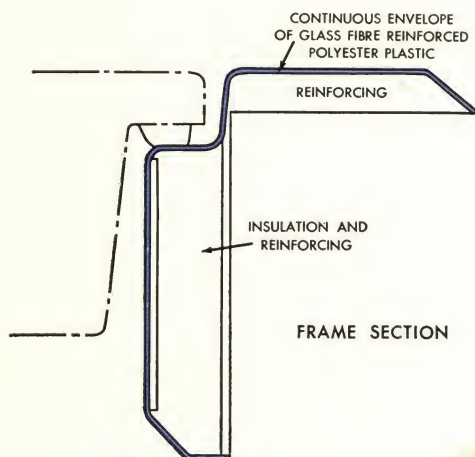
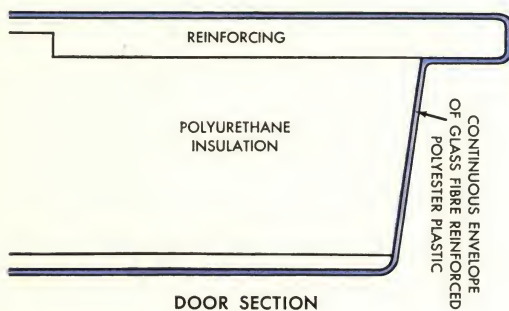
The new JAMOLITE Plastic Door is a flush-fitting, lightweight cold storage door designed for better appearance and easier operation. It is a lower cost door made in the same sizes as heavier metal clad doors and can be mounted on the same bucks. However, buck requirements for the JAMOLITE Door can be the same as for household doors, and one man can install door and frame. Insulation thickness of 4" is standard for both cooler and freezer doors, with 6" insulation available for severe conditions.

Surfaces: Exterior surfaces are hard, smooth, impact resistant. Attractive appearance is easily maintained by wiping clean with soap and water.



Construction Features

The JAMOLITE Plastic Door is molded with front and back sections of fibre glass reinforced polyester resin. Insulation is foamed-in-place polyurethane plastic which adheres to the outer shell surfaces in a permanent bond, adding rigidity and strength to the over-all door structure.



JAMOLITE Colors

For the first time, a Food Service Door available in colors that will blend attractively with surroundings. JAMOLITE comes in gleaming white, blue-green, blue, ivory and salmon.



Flush Fitting

The front of the JAMOLITE door is flush with the front of the frame for modern appearance, easier cleaning, improved sanitation.



Jamison Frostop®

JAMOLITE Freezer Doors are kept from freezing shut with FROSTOP. Heater cables applied to head, sides and sill are controlled by adjustable thermostat.

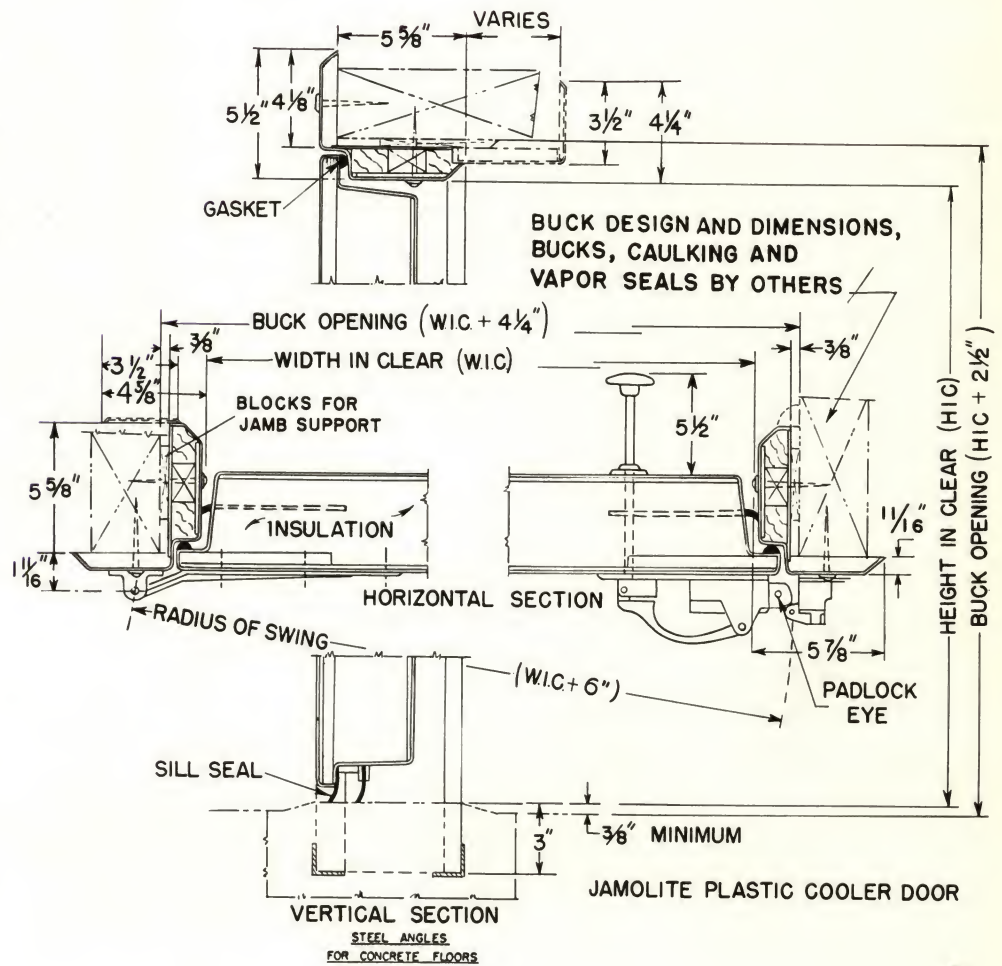


*Jamison trademark

DIMENSION DETAILS JAMOLITE door - scale: 1" = 1' - 0"

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Type of Door	Width in Clear	Height in Clear
Reach-In Door	2'0"	2'6"
Walk-In Door	2'6"	6'6"
	3'0"	6'6"
	3'6"	6'6"
	4'0"	6'6"
	4'6"	6'6"
	5'0"	6'6"



specification JAMOLITE PLASTIC cooler door

Construction of door and frame shall be equal in all ways to the JAMOLITE Cold Storage Door as manufactured by the Jamison Cold Storage Door Co., Hagerstown, Md. Door construction shall consist of two pans bonded together with polyester resin. Each pan shall have an outer layer of polyester plastic with appropriate color pigment. (*Specify desired color — JD white, JD blue-green, JD blue, JD ivory, JD salmon.*) Balance of pan to consist of glass fibre reinforced polyester plastic. The pan shall have sufficient blocking to receive hardware, etc.

The bonded pans shall be filled with 4" of foamed-in-place polyurethane insulation with a K factor of 0.15 at 75°F. This material shall adhere to the inner and outer pans to achieve maximum unit rigidity. Weight of door less frame and hardware about 4 1/2 lbs. per square foot. Door will be gasketed with sweep gaskets on sill and soft compressible gasket on sides and head.

Frame components shall be similar to the door construction with the exception that the jamb shall be insulated with polystyrene insulation and back of casing and jamb shall be completely sealed with a coating of polyester plastic. Face of casing to be flush with face of door.

Hardware to be chrome plated, ball bearing hinges, spring activated wedge type fastener with adjustable keeper. Provision for padlocking to be provided.

specification JAMOLITE PLASTIC freezer door

JAMOLITE Plastic Freezer Door specifications to be same as JAMOLITE Cooler Door except for this addition: "Door to be equipped on two sides, head and sill with Frostop heater cable with adjustable thermostat. Unit to be assembled ready for connection to 110 volt AC line."

JAMISON SERIES "50"-FS DOOR

FOR COOLER ROOMS

The Jamison Series "50"-FS Door is designed for food service applications. The front and back panels are sheets of boat hull quality plastic-bonded plywood. This "box girder" design provides greater rigidity and overall strength, and also eliminates the need for internal bracing. Thus the entire space within the door has maximum unbroken insulation.

For the utmost in appearance and sanitation, stainless steel metal cladding with polished chrome hardware is specified. This door is also available with cladding of galvanized steel with hot dipped galvanized hardware.

Doors designed to swing into warm room.



JAMISON SERIES "50"-FS WALK-IN DOOR
Stainless Steel Clad

SPECIFICATION FEATURES

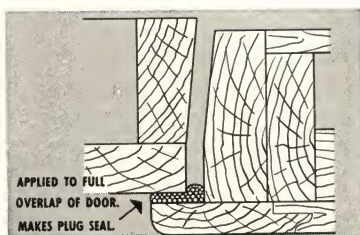
Boat Hull Plywood

Finest quality plywood, water-proof plastic bond. 7-ply front, 5-ply back. Rigid, box-girder construction eliminates internal bracing for maximum, unbroken insulation.



Lo-Temp Gasket

Soft, resilient. Impervious to grease and moisture. Forms perfect plug seal — expands into space between jambs.



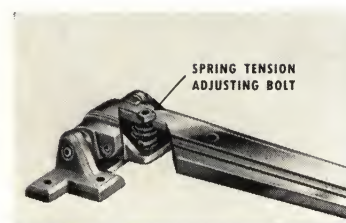
E-Z Open Two-Point Fastener

Adjustable tension assures tight seal, uniform pressure. Rugged cast construction. Patented heavy duty design.



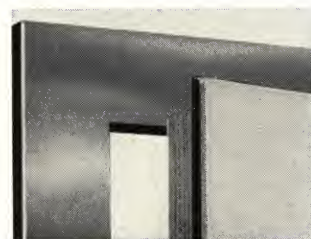
Adjustoflex Hinges

Automatic spring tension regulation, self and hand adjustable. Heavy cast construction, ball bearing equipped.



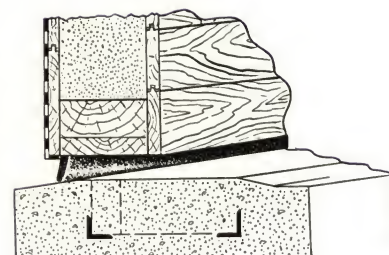
Metal Cladding

Application of metal cladding on door fronts and frames, and the sealing of all penetrating bolt holes, provides a vapor proof seal.



Sillseal Gasket

Flexible, abrasion and grease resistant, with no capillarity. Resilient, pliable, durable.



GLEAMING, SANITARY STAINLESS STEEL

JAMISON LO-TEMP FS DOOR

FOR FREEZER ROOMS

The Jamison Lo-Temp FS Door is specially designed for food service applications. It incorporates the basic features of the Jamison Lo-Temp Door and is of single seal infitting construction. To harmonize with the cooler room door, metal cladding is specified stainless steel and hardware is chrome plated. To protect against freezing shut, Frostop[®] is specified. This door is also available in galvanized steel with hot dipped galvanized hardware.

Door designed to swing into warm room.

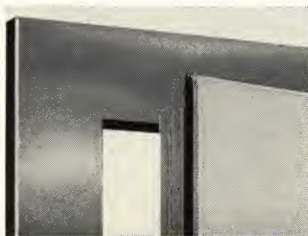


JAMISON LO-TEMP FS WALK-IN DOOR
Stainless Clad

SPECIFICATION FEATURES

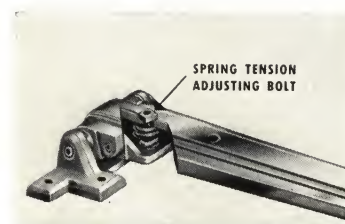
Metal Cladding

Application of metal cladding on door fronts and frames, which includes the sealing of all penetrating bolt holes, provides a vapor proof seal.



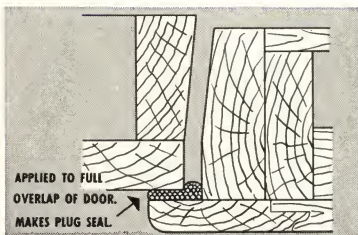
Adjustoflex Hinges

Automatic spring tension regulation, self and hand adjustable. Heavy cast construction, ball bearing equipped.



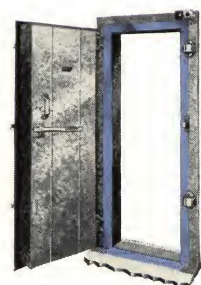
Lo-Temp Gasket

Soft, resilient, impervious to grease and moisture. Applied to full overlap of door. Forms perfect plug seal by expanding into space between jambs and door stiffeners.



Jamison Frostop

Keeps doors from freezing shut with heater cables controlled by adjustable thermostat. Carries Underwriters' Laboratories label. Adjustable to meet service condition.



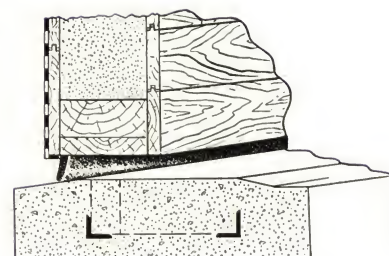
E-Z Open Two-Point Fastener

Adjustable tension assures tight seal, uniform pressure. Rugged, cast construction. Patented heavy duty design.



Sillseal Gasket

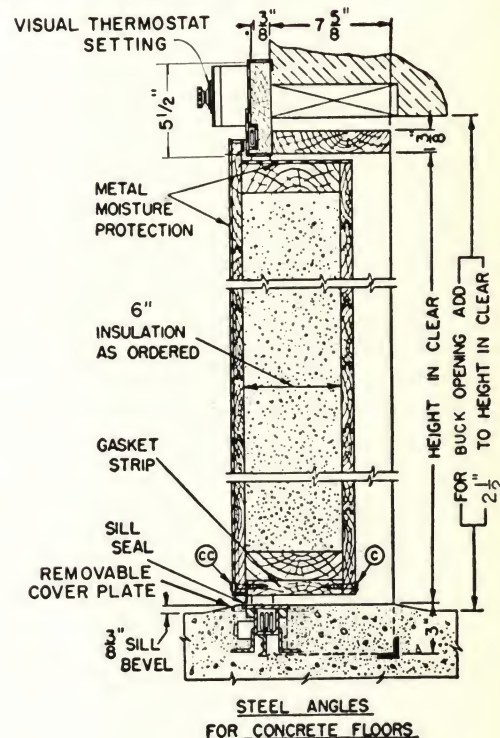
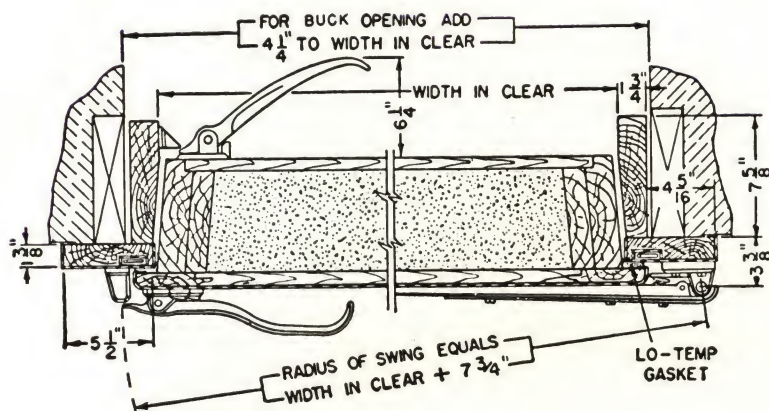
Flexible, abrasion and grease resistant, with no capillarity. Resilient, pliable, durable.





LO-TEMP FS REACH-IN DOOR
Stainless Clad

Type of Door	Width in Clear	Height in Clear
Reach-In Door	1'6"	1'6"
	2'0"	3'0"
	2'6"	2'0"
	2'6"	3'0"
	2'6"	3'6"
Walk-In Door	2'6"	6'0"
	2'6"	6'6"
	3'0"	6'0"
	3'0"	6'6"
	3'6"	6'6"



specification freezer door

Note: The following specification will provide a Jamison Lo-Temp FS Door which meets with the majority of conditions to which a freezer door is subjected. However, it is recommended that the specification writer refer to page 12 where variations in construction for special requirements are discussed. When necessary, the following specification may be easily revised.

cold storage door for freezer rooms

Freezer room doors shall be equal to Jamison Lo-Temp Door. Insulation shall be 6" thick, the same type as specified for freezer wall construction.

Reach-In Doors shall have high sills. Walk-In Doors shall have angle iron sills for embedding in concrete floor. Swing of door to be as indicated on drawings.

Door to be hung in frame with Jamison heavy duty ball bearing hinges, self and hand adjustable. Each door to have adjustable, easy-opening, two-point fastener with inside and outside release handles. Provision to be made for padlocking, with inside safety release to open door from inside when padlocked on outside.

Gasket to be sponge rubber 1 1/4" wide with grease-resistant skin. Sill gasket to be sweeper type, dense tough rubber, resistant to grease and moisture, with no capillarity.

Doors shall be equipped with a Frostop heater cable on two sides, head and sill. Complete device to carry Underwriters' label and to be supplied assembled ready for connection to 110 Volt AC line.

Front of door and casing to be covered with No. 20 gauge stainless steel type 302, #4 finish, applied in full sheets. All joints shall be welded, ground and polished. All penetrating bolts to be sealed. All hardware to be heavy cast construction chrome plated.

If galvanized metal cladding and hot dipped galvanized hardware are desired, substitute the following for the paragraph in italics:

Front of door and casing to be covered with No. 26 gauge galvanized steel applied with locked and soldered seams. Metal on front of door in vertical panels. All penetrating bolts to be sealed vapor tight. All hardware to be heavy cast construction, hot dipped galvanized.

VESTIBULE UNITS

with Auto-Close Doors

Jamison Auto-Close Doors can be hung in the same frame with the cooler or freezer door to form a Vestibule Unit. This prevents excessive loss of refrigeration.

features

To withstand service under the most severe conditions, Auto-Close Doors are designed with special features that add strength and durability:

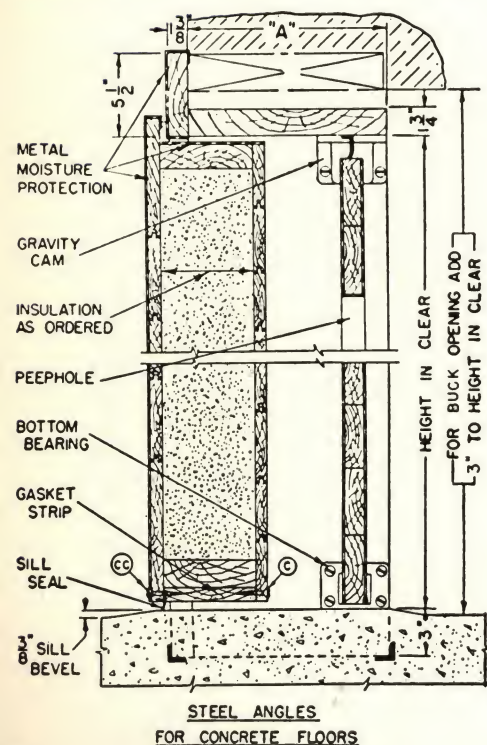
1 1/4" wood core enclosed in No. 14 gauge galvanized steel sheet, lower four feet; No. 20 gauge around remaining height. Metal riveted through heavy cold rolled steel shaft.

Jamison Two-Way Gravity Cams for automatic, positive closure.



JAMISON FS VESTIBULE UNIT

dimension details scale: 1" = 1' - 0"



Insulation Thickness	Dimension A
4"	11"
6"	13"

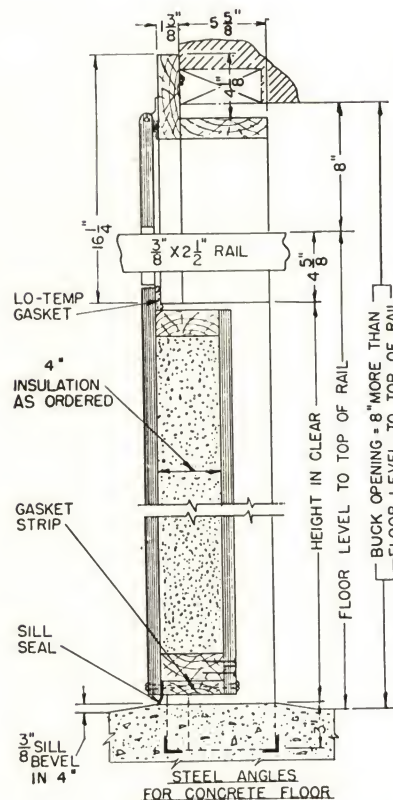
Note: Clear passage when Auto-Close Doors are parallel to door jamb is 3 1/2" less than width in clear for Double Auto-Close Doors and 1 3/4" for Single Auto-Close Door.

TRACK DOORS

The Track Doors are designed for use where material must be moved on overhead track rails. Jamison Track Doors are equipped with Jamison "Adjustoflex" Track Port Operator. The track port is fully open when entrance door opens as much as 10°. Heavy duty metal parts are hot-dipped galvanized. Vestibule Track combinations can also be supplied.



SERIES "50"-FS
TRACK DOOR



JAMISON FROSTOP®

KEEPS DOOR FROM FREEZING SHUT

The operation of doors in low temperature service is often impaired by a build-up of ice on gasket contact areas of frames and sills. Jamison's practical solution to this severe problem is FROSTOP, an optional feature on Jamison doors of all types and sizes.

FROSTOP consists of thermostatically controlled heater cables embedded in the frames and sills where door gaskets make contact. FROSTOP prevents formation of frost or ice at gasket contact area even where temperatures are as low as -50°F .

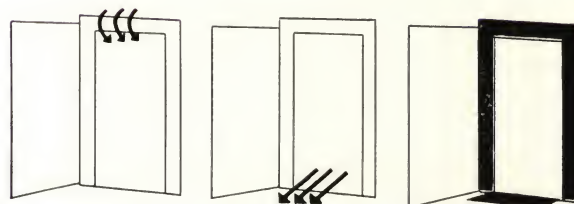
Jamison FROSTOP with terminal control box insures adjustable temperature settings, increasing effectiveness of FROSTOP for each particular installation. The new design provides a useful temperature range from 60°F to 120°F . High temperatures, which deteriorate gaskets, and low temperatures which would permit ice formation are thus avoided.



FROSTOP listed under Re-examination Service of Underwriters' Laboratories, Inc., available installed in casing of frame and sills of insulated doors from 1'6" x 2' to 8' x 10' for both swinging and horizontal sliding doors.



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When door is opened, warm, moist air enters at top.

Cold, dry air rushes out at bottom.

FROSTOP prevents condensation at gasket contact area.

TYPICAL BUCK CONSTRUCTION

Jamison Cooler and Freezer Doors are shipped hung in the frame complete with all necessary hardware, ready to set in the wall.

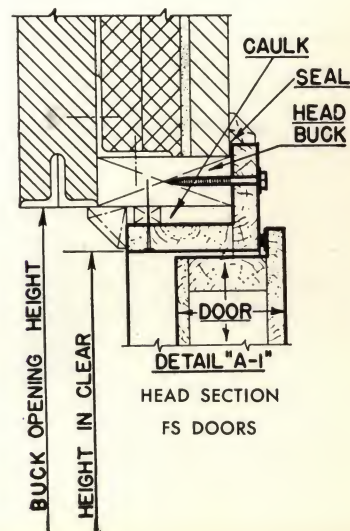
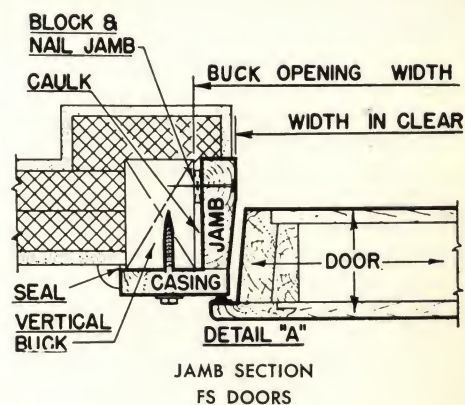
To determine the correct buck opening add to width and height dimensions—found in tables of sizes for cooler and freezer doors—the following dimensions:

	For buck opening width	*For buck opening height
	Add to width in clear	Add to height in clear
JAMOLITE DOORS		
Reach-In	4 1/4"	3 1/2"
Walk-In	4 1/4"	2 1/2"
COOLER DOOR SERIES "50"-FS		
Reach-In	4 1/4"	3 1/2"
Walk-In	4 1/4"	2 1/2"
FREEZER DOOR LO-TEMP FS		
Reach-In	4 1/4"	3 1/2"
Walk-In	4 1/4"	2 1/2"

*Walk-in (angle iron sill) concrete floor
Reach-in (high sill)

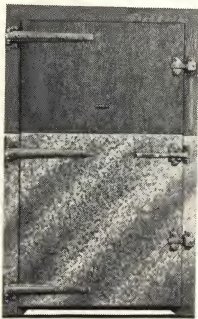
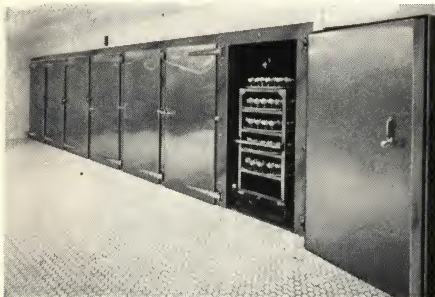

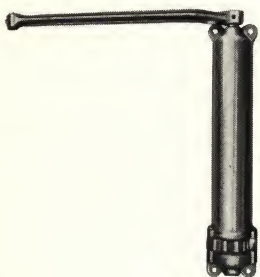
The proper size of bucks is very important. Type of door, size and wall construction all affect selection of buck size. Wood or steel may be used. Wood bucks should never be less than 3" x 4" rough size for the smallest doors.

Complete and detailed information on buck construction will be furnished promptly by your Jamison representative.



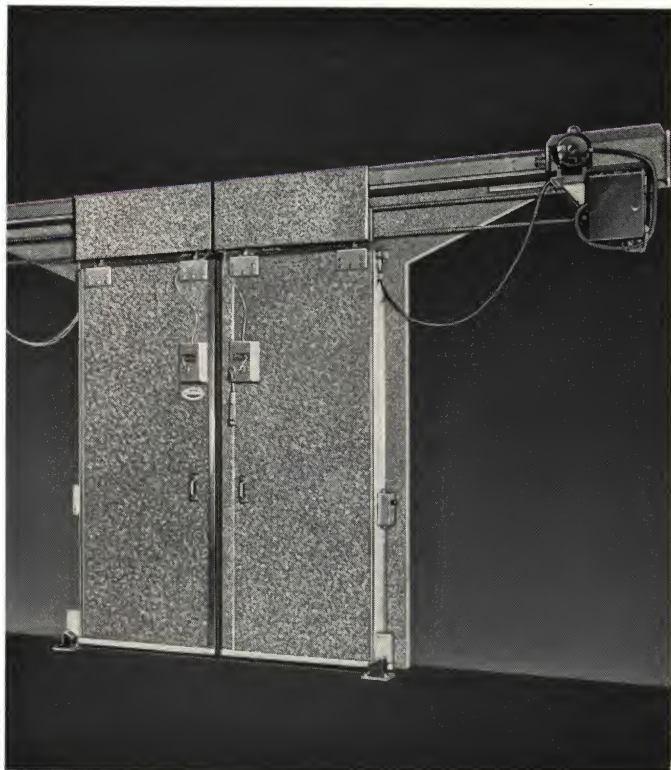
JAMISON COLD STORAGE DOORS

design and construction of FS doors to meet special conditions

feature	description	application
<p>metal protection against abuse</p> 	<ol style="list-style-type: none"> 1. Kick plates 4' high No. 10 gauge galvanized steel back, front and edges of door. 2. Frame protected 4' high No. 10 gauge galvanized. 	<p>To protect against battering by trucks.</p>
<p>complete metal cladding</p> 	<p>All exposed portions of door and frame covered with stainless or galvanized sheet steel.</p>	<p>For doors exposed to severe conditions — weather, high humidity, condensation.</p> <p>Extreme conditions will require all seams be sealed Vap-r-tyt.</p>
<p>booted door</p> 	<ol style="list-style-type: none"> 1. 20 gauge galvanized metal cladding with soldered seams 30" high. Boot completely encloses lower door and frame. 2. Full height protection applied in same manner. 	<ol style="list-style-type: none"> 1. For use in dairies, milk rooms or similar locations where wet floors are found. 2. For use where wash-downs are frequent.
<p>automatic door closer</p> 	<p>Heavy duty mechanism consisting of specially wound steel spring fully enclosed. Galvanized or chrome plate.</p>	<p>Saves refrigeration by automatically closing door. Can be made inoperable during loading or unloading.</p>

JAMISON

Electroglide®



ELECTRIC HORIZONTAL SLIDING DOORS

High volume traffic can now speed on its way in busy cooler and freezer operations with minimum loss of refrigeration. Electroglide is specifically designed to accelerate truck movement with its instant automatic opening and closing.

Rapid smooth opening — Spring suspension helps doors open easily and smoothly. Doors move "out" and "up", riding on level tracks with gaskets clear of sill and frame. Electroglide is made for both cooler and freezer use.

These other exclusive features mean dependable, smooth operation:

EXCLUSIVE CAM LOCK COMPRESSION SEAL—Cam lock cams doors "in" against frame and "down" against floor at all points.

SHOCK ABSORBER CHAIN LINK — reduces wear and tear.

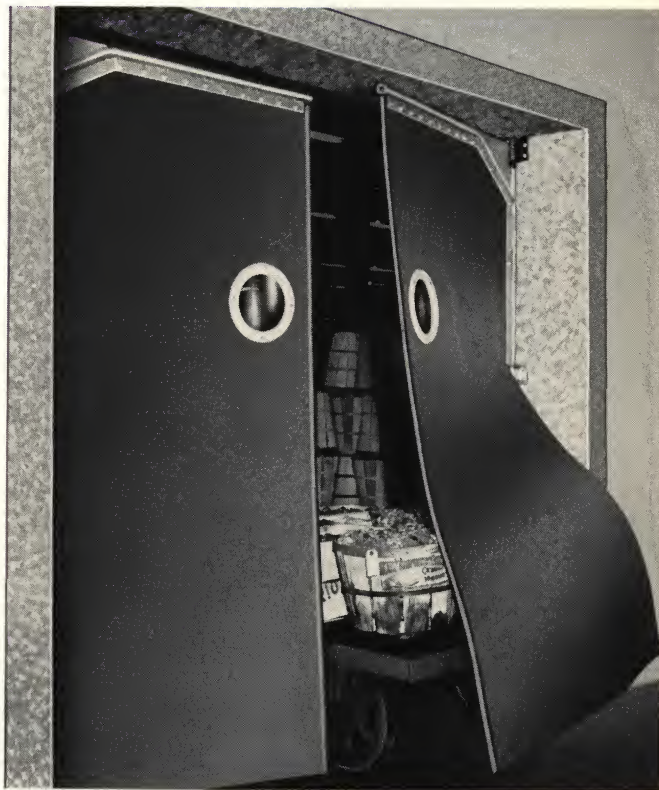
SPRING LOADED SUSPENSION — minimizes power requirements.

IMPROVED SAFETY EDGE — sensitive full height and full travel of door.

SEALED-IN-OIL REDUCTION GEAR — trouble-free operation, minimum maintenance.

JAMISON

flexidor®



RUBBER BATTEN DOORS

JAMISON Flexidor is designed to overcome the costly expense of door maintenance and damage caused by the use of fork lift trucks. Mechanization in warehousing and the necessity for more rapid handling of materials have resulted in the need for self closing doors that can withstand the constant battering of bump-open trucking, and at the same time provide adequate closure to maintain temperatures in refrigerated areas. Draft conditions through the doorway should be considered in selection of this type of door.

exclusive features

Tough, "live" neoprene, 1/4" thick .
rip resistant
non-marking
resistant to grease and oils
flexible down to -40°F.

Plastic peep holes

Special Jamison hardware

Door jamb guard

Reinforced door noses

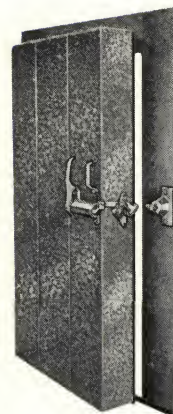
Special molded construction adds strength, assures good closure and fast opening, prevents wrap-around on impact.

OTHER JAMISON DOORS FOR EVERY CONDITION



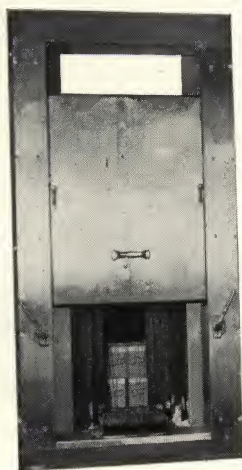
raised panel doors

Jamison Standard Raised Panel Construction.



super freezer doors

For zero and sub-zero use.



vertical sliding operation

Low temperature package passing unit shown.

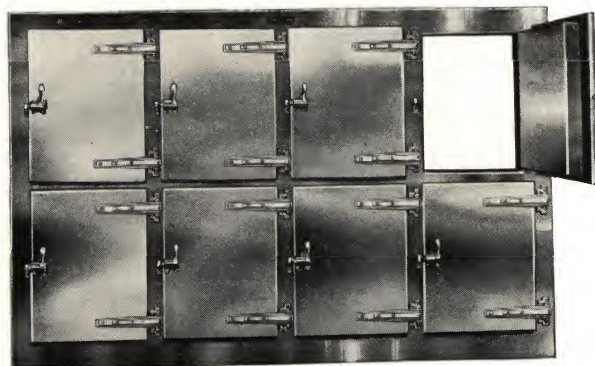


insulated all metal smokehouse door



double doors

For use in unusually wide openings, or to provide greater passageway clearance.



refrigerator fronts

Doors or windows for reach-in convenience.



horizontal sliding door



banana room door



Jamison low temperature deep tunnel door

Strip rubber curtains maintain air lock in tunnel during package passing.

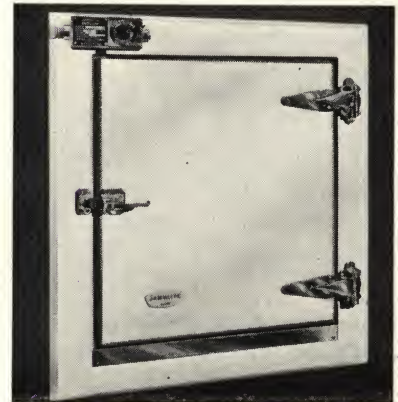
JAMOLITE PLASTIC DOORS

are designed to meet
all requirements . . .

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JAMOLITE vertical sliding



JAMOLITE reach-in freezer door with FROSTOP



JAMOLITE horizontal sliding



The Jamison Home Office and Plant at Hagerstown, Maryland

JAMISON COLD STORAGE DOOR COMPANY

HAGERSTOWN, MARYLAND, U. S. A.

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CORPUS CHRISTI—525 Glazebrook St.

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Occidental Electric Co., 201 Bankard Ave.

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